

TABLE OF CONTENTS

- 1 INTRODUCTION TO PTS
 - 1.1 The Philips Terminal System
 - 1.2 Hardware
 - 1.3 Software
 - 1.3.1 Production
 - 1.3.2 Development
 - 1.4 Setting Up a PTS Application System
- 2 PTS HARDWARE
 - 2.1 General Description
 - 2.2 Front Office Equipment
 - 2.2.1 Keyboards
 - 2.2.2 Displays
 - 2.2.3 Printers
 - 2.2.4 Badge Card Reader
 - 2.2.5 Financial Terminal
 - 2.2.6 Teller Note Dispenser
 - 2.2.7 Magnetic Stripe Unit
 - 2.3 Back Office Equipment
 - 2.3.1 Keyboards
 - 2.3.2 Displays
 - 2.3.3 Printers
 - 2.4 Non-Terminal Devices
 - 2.4.1 Disks
 - 2.4.2 Line Printer
 - 2.4.3 Other Devices
- 3 PTS SOFTWARE
 - 3.1 General Description
 - 3.2 The Production Environment
 - 3.2.1 TOSS
 - 3.2.2 Tasks
 - 3.2.3 Terminal Classes
 - 3.2.4 Data Communication
 - 3.3 The Development Environment
 - 3.3.1 DOS-PTS
 - 3.3.2 CREDIT
 - 3.3.3 Screen Management
 - 3.3.4 Work Station Management
 - 3.4 Debugging
 - 3.5 Utilities
 - 3.5.1 DOS-PTS Utilities
 - 3.5.2 TOSS Utilities

4 PTS IN USE

- 4.1 The Front Office
 - 4.1.1 Cash Transactions
 - 4.1.2 Supervisor Functions
- 4.2 The Back Office
 - 4.2.1 Transaction Listings
 - 4.2.2 System Start and Closedown
- 4.3 Communication with Computer Centre
- 4.4 System Integrity

5 PTS APPLICATION DEVELOPMENT

- 5.1 CREDIT Application Development
 - 5.1.1 CREDIT Translator
 - 5.1.2 Updating CREDIT Source Modules
 - 5.1.3 CREDIT Linker
 - 5.1.4 Linkage Editor
- 5.2 Generating the TOSS Monitor
- 5.3 Generating the Configuration Data File
- 5.4 Transferring from DOS-PTS to TOSS
- 5.5 Testing

6 PTS TRAINING AND DOCUMENTATION

- 6.1 Module Types
- 6.2 CREDIT Application Development
 - 6.2.1 CREDIT
 - 6.2.2 DOS-PTS
- 6.3 Generating the TOSS Monitor
- 6.4 Data Communication
- 6.5 Testing
- 6.6 Use of Documentation Modules in the Development Process

APPENDIX A: PTS DEVICES

- A.1 Terminal Computers
- A.2 Terminal Devices
 - A.2.1 Front Office Terminals
 - A.2.2 Back Office Terminals
- A.3 Non-Terminal Devices

APPENDIX B: TABLES

- B.1 CREDIT Application Development
- B.2 PTS Training and Documentation Package

LIST OF ILLUSTRATIONS

- 1.1 Example Terminal Configuration
- 2.1 Example Front Office Terminal Configuration
- 2.2 Example Back Office Terminal Configuration
- 4.1 Example Screen Layout for Selecting Transactions
- 4.2 Cash Account Deposit Screen
- 4.3 Transaction Termination Screen
- 4.4 Print Voucher for Cash Account Deposit
- 4.5 Journal Tape for Cash Account Deposit
- 4.6 Savings Account Deposit Second Screen
- 4.7 Transaction Termination Screen
- 4.8 Journal Tape for Savings Account Deposit
- 4.9 Cash Account Withdrawal Screen
- 4.10 Transaction Termination Screen
- 4.11 Transaction Selection Screen
- 4.12 Account Enquiry Screen
- 4.13 Account Enquiry List
- 4.14 System Start Screen
- 4.15 Close Terminals Screen
- 4.16 Close System Screen
- B.1 CREDIT Application Development
- B.2 PTS Training and Documentation Package